

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037969.D
 Acq On : 29 Sep 2023 12:41
 Operator : JC/MD
 Sample : 04656-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105I

Quant Time: Sep 29 23:03:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

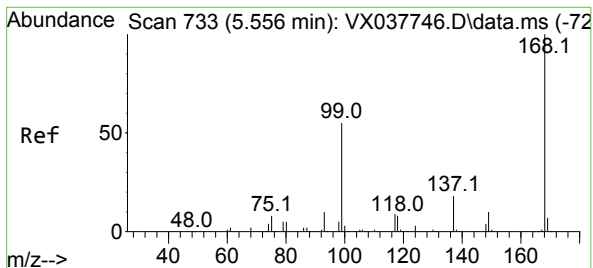
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	220396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137395	47.448	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.900%
35) Dibromofluoromethane	5.391	113	117095	46.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.647	98	456440	48.415	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	175019	51.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.180%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2533	1.818	ug/l	93
17) Carbon Disulfide	2.514	76	1297	0.241	ug/l #	73
20) Methylene Chloride	2.794	84	764	0.272	ug/l #	78
31) Cyclohexane	5.550	56	4679	1.259	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16765	4.796	ug/l #	52
38) Carbon Tetrachloride	5.550	117	22639	6.190	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1840	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86883	19.358	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	86883	62.010	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1289	0.326	ug/l	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX037969.D

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MSVOA_X

ClientSampleId :

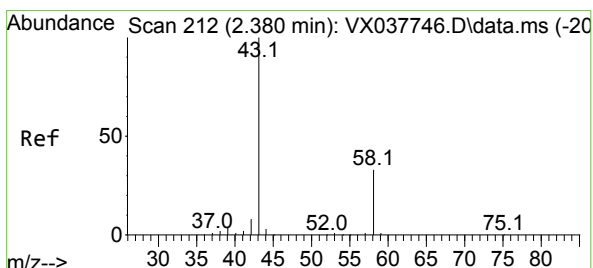
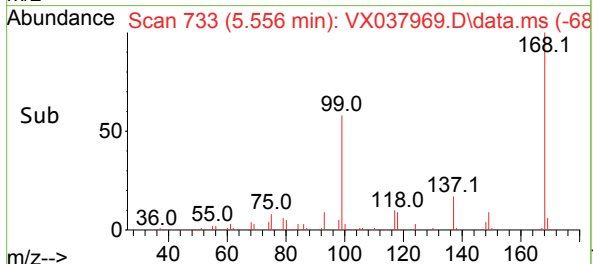
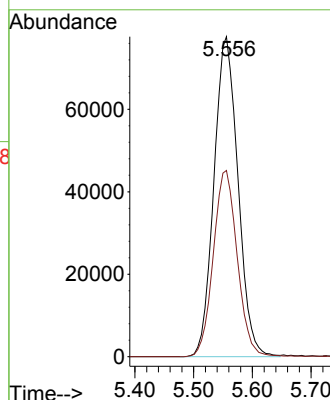
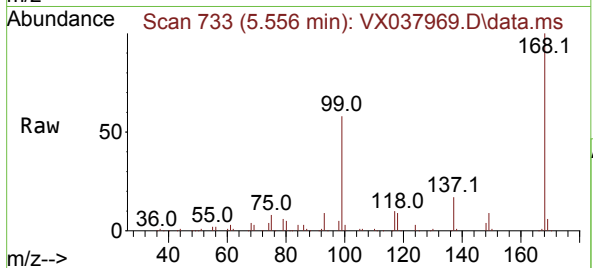
MW-105I

Tgt Ion:168 Resp: 220396

Ion Ratio Lower Upper

168 100

99 58.2 56.6 85.0



#16

Acetone

Concen: 1.818 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037969.D

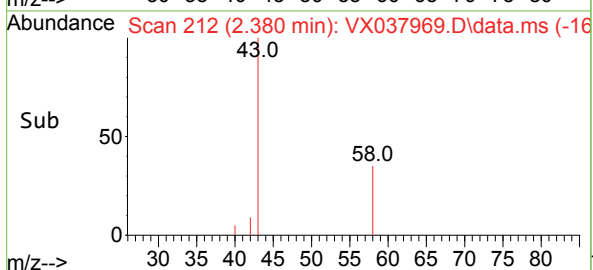
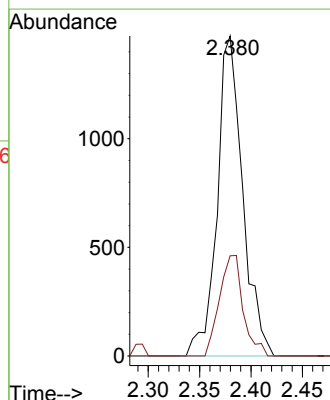
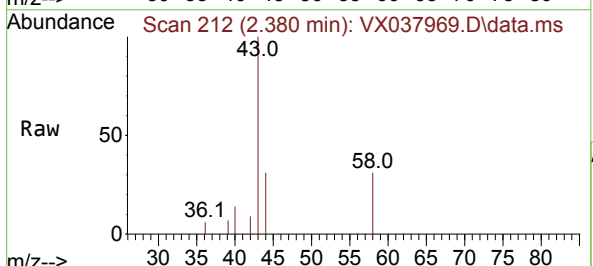
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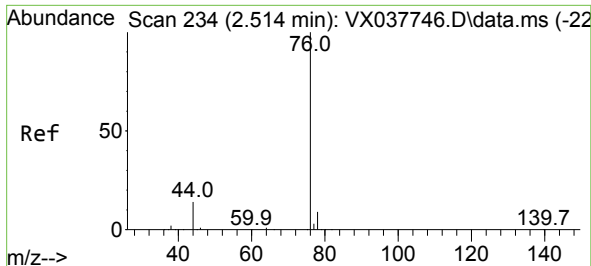
Tgt Ion: 43 Resp: 2533

Ion Ratio Lower Upper

43 100

58 31.3 21.9 32.9

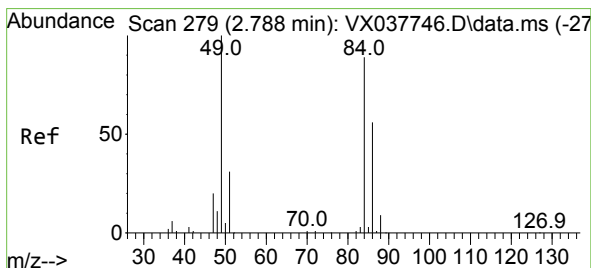
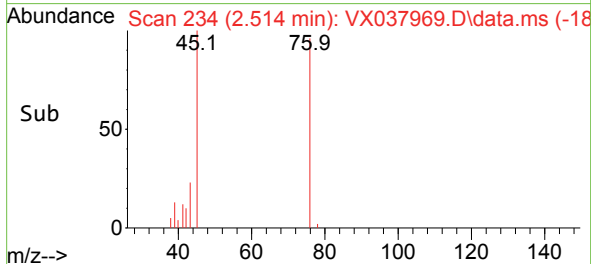
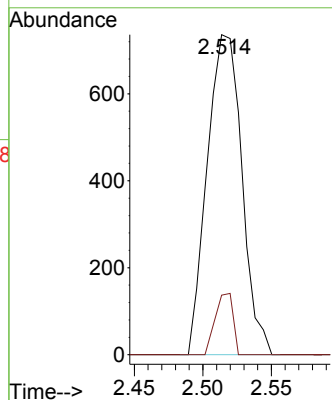
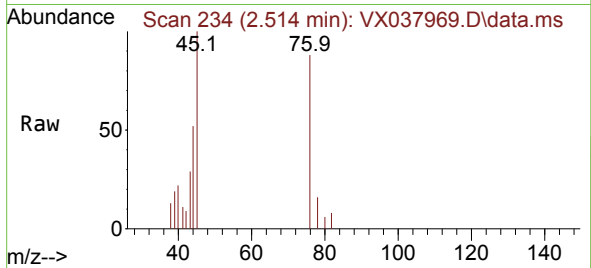




#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

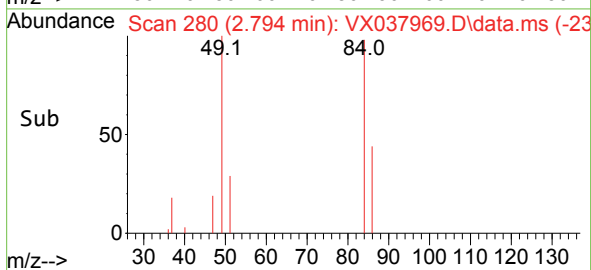
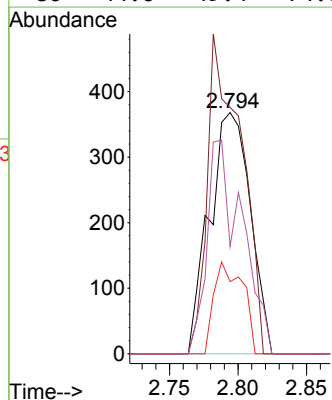
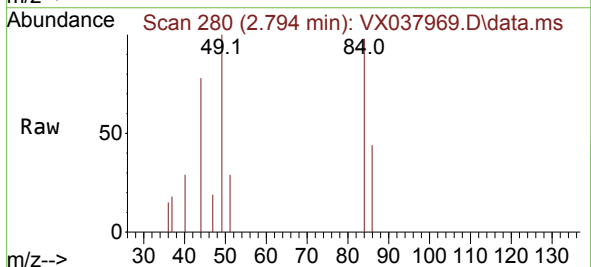
Instrument :
MSVOA_X
ClientSampleId :
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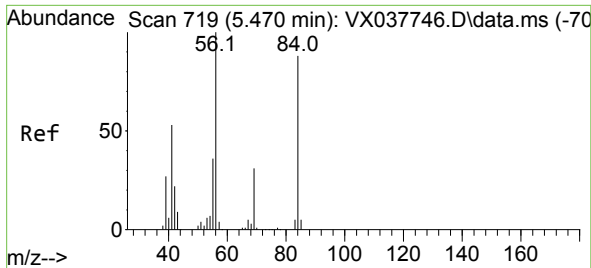
Tgt Ion: 76 Resp: 1297
Ion Ratio Lower Upper
76 100
78 18.6 7.0 10.6#



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

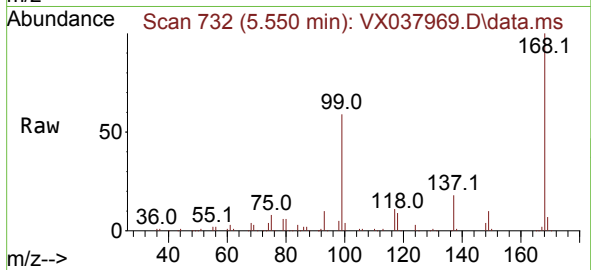
Tgt Ion: 84 Resp: 764
Ion Ratio Lower Upper
84 100
49 102.2 103.6 155.4#
51 29.9 33.8 50.6#
86 44.6 49.4 74.0#



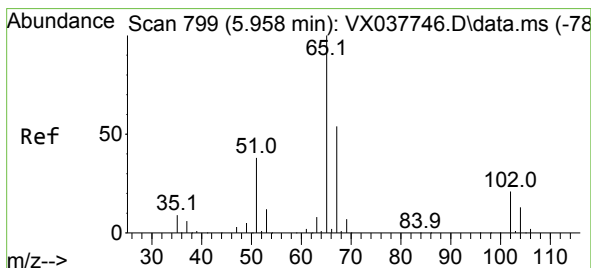
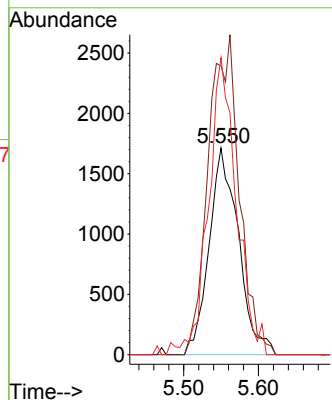
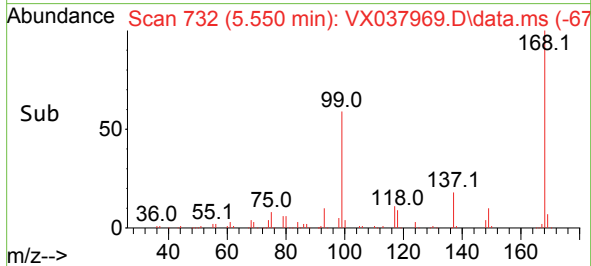


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
MW-105I

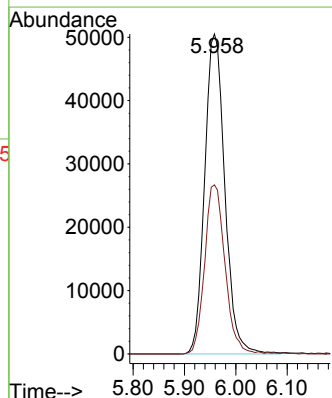
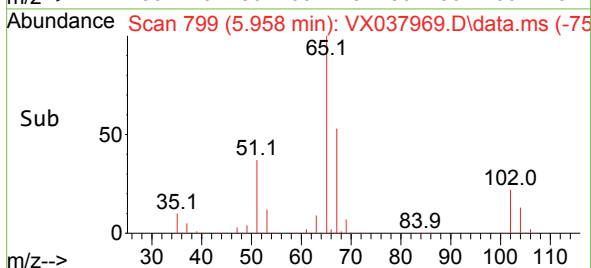
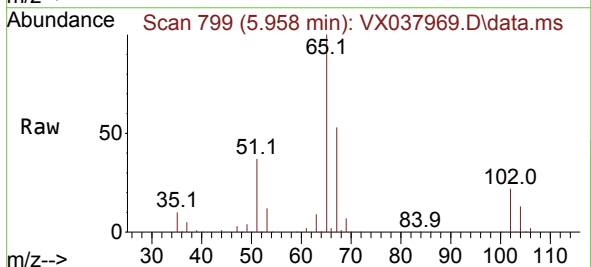


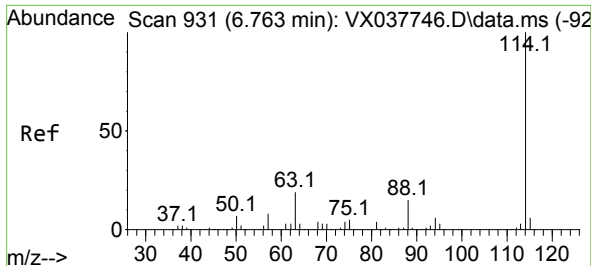
Tgt Ion: 56 Resp: 4679
Ion Ratio Lower Upper
56 100
69 139.8 23.4 35.2#
84 143.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.448 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

Tgt Ion: 65 Resp: 137395
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

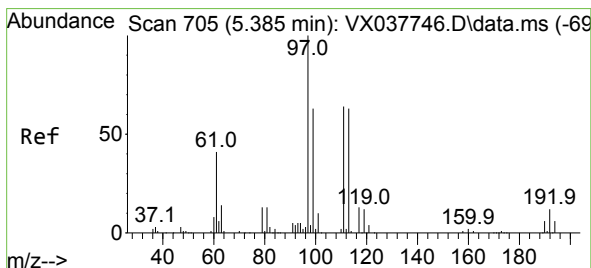
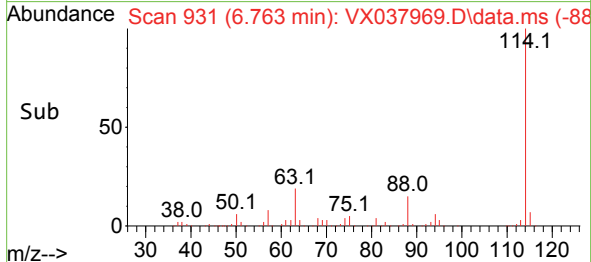
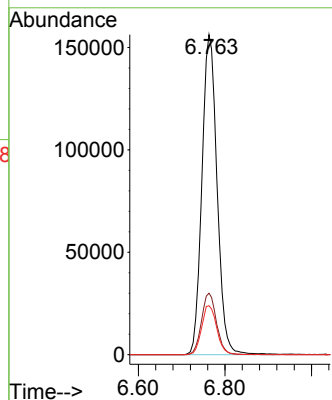
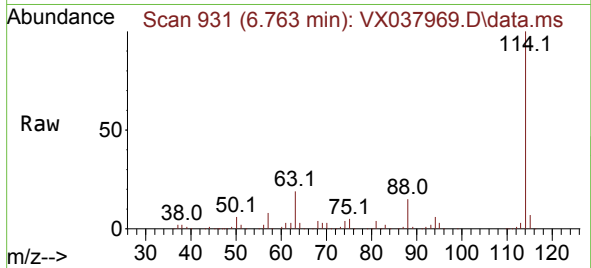




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

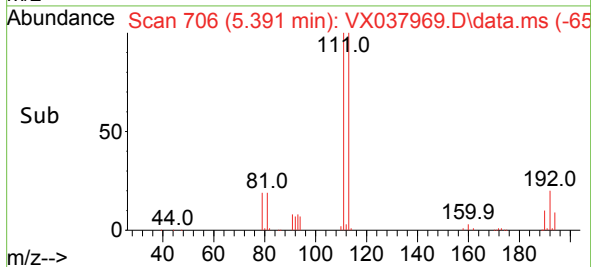
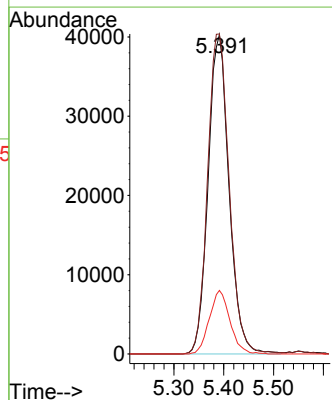
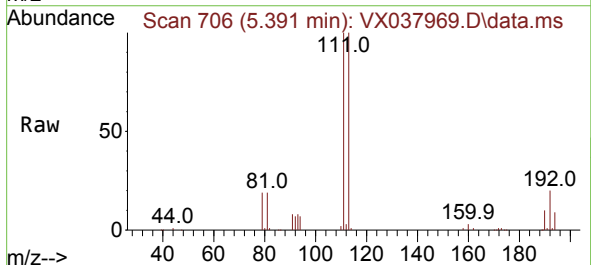
Instrument :
MSVOA_X
ClientSampleId :
MW-105I

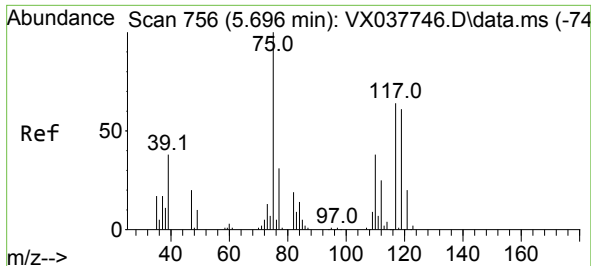
Tgt Ion:114 Resp: 379212
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.149 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

Tgt Ion:113 Resp: 117095
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 19.7 13.3 19.9

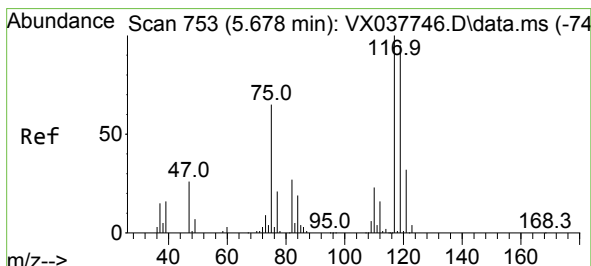
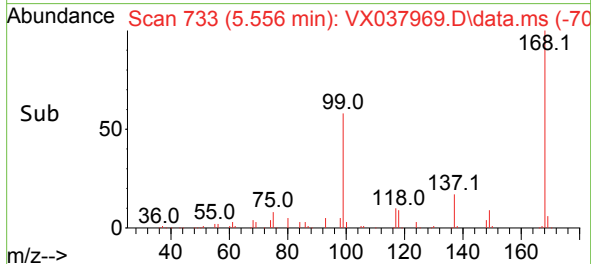
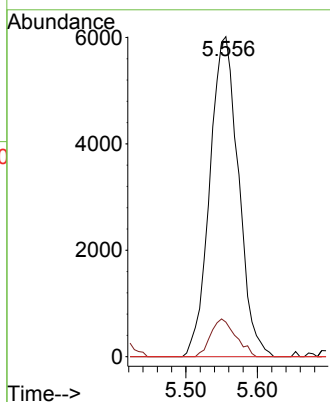
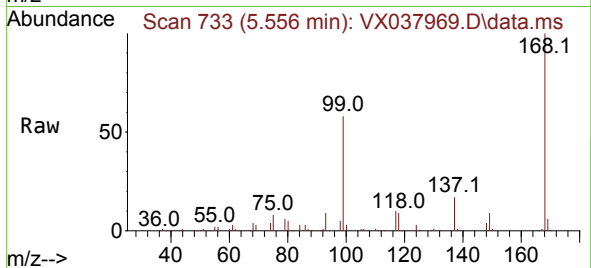




#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

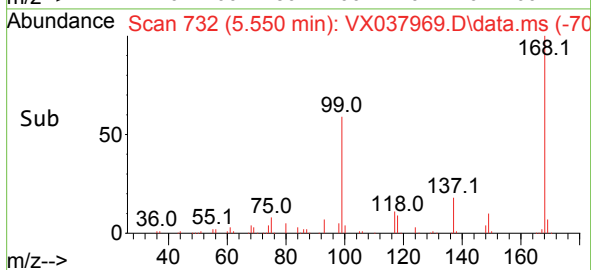
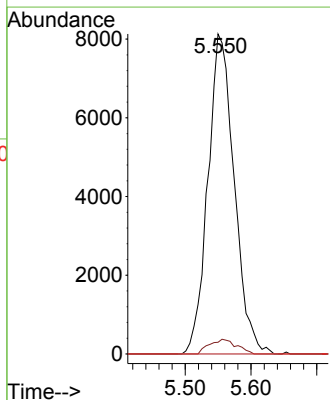
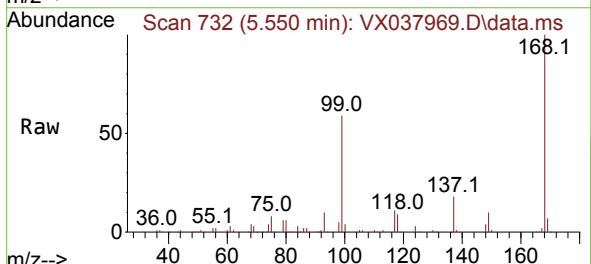
Instrument :
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ClientSampleId :
MW-105I

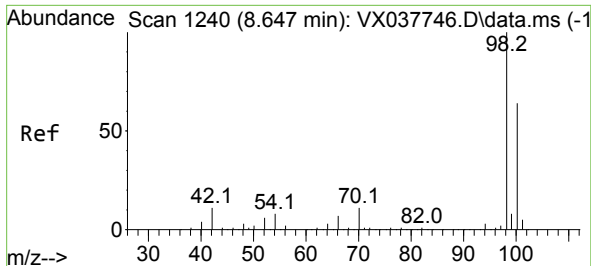
Tgt Ion: 75 Resp: 16765
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.190 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

Tgt Ion: 117 Resp: 22639
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#

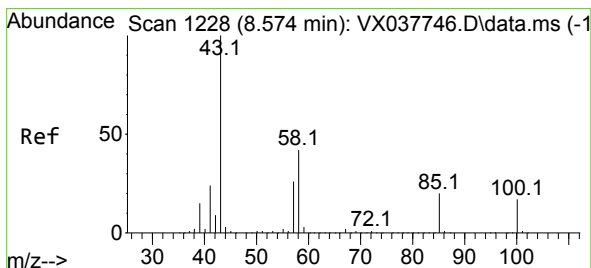
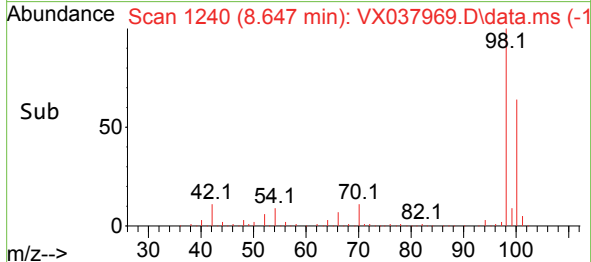
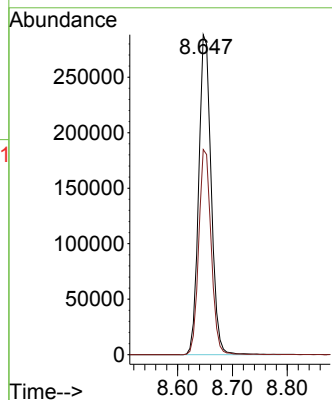
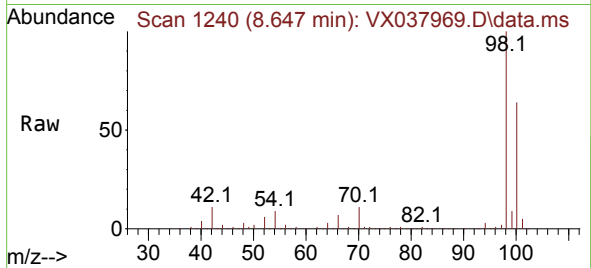




#50
Toluene-d8
Concen: 48.415 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

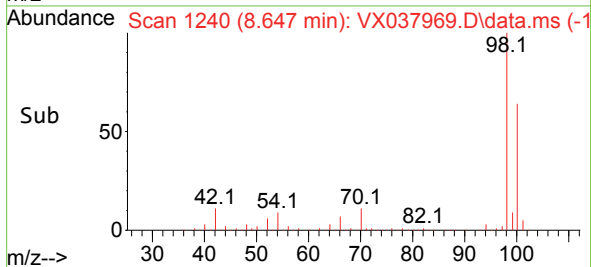
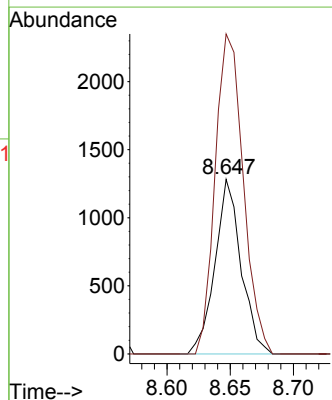
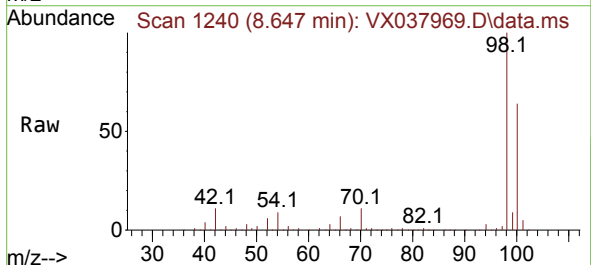
Instrument :
MSVOA_X
ClientSampleId :
MW-105I

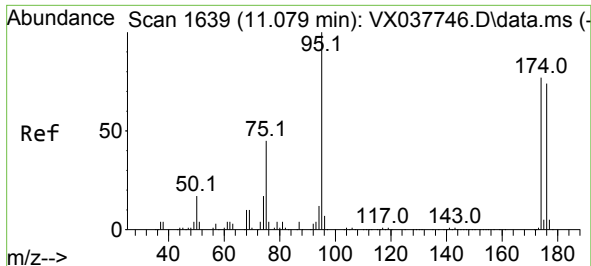
Tgt Ion: 98 Resp: 456440
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
58 197.1 30.4 45.6#

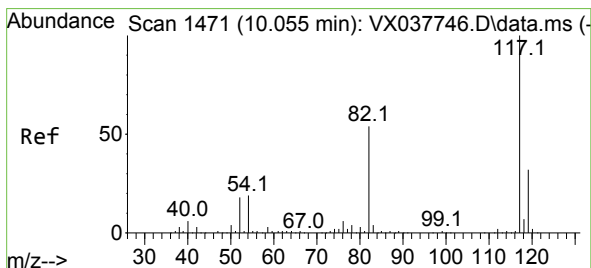
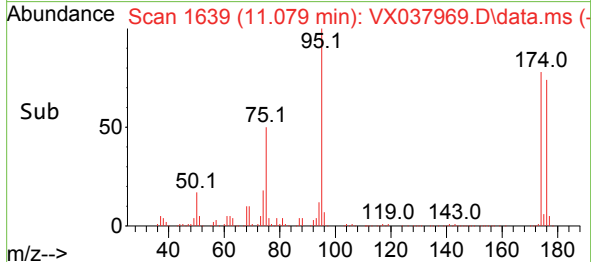
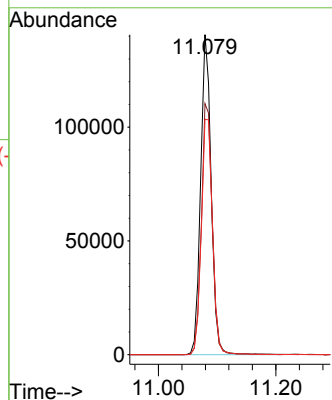
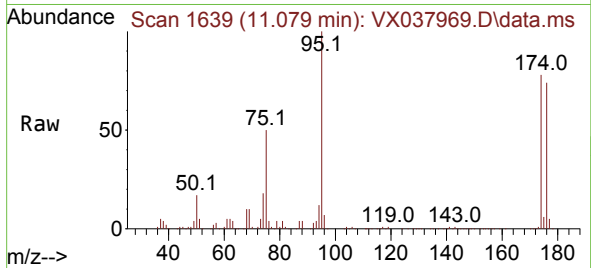




#62
4-Bromofluorobenzene
Concen: 51.088 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

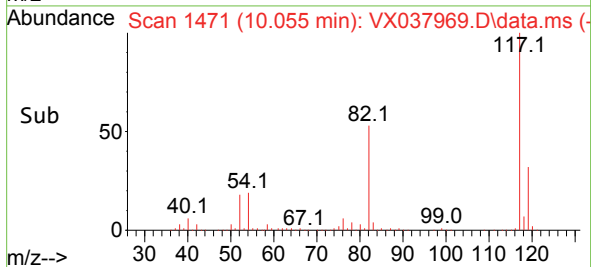
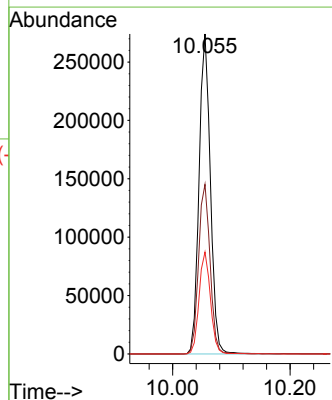
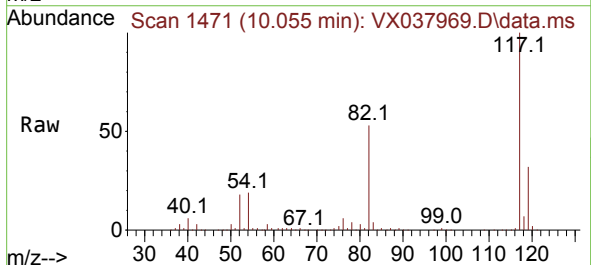
Instrument :
MSVOA_X
ClientSampleId :
MW-105I

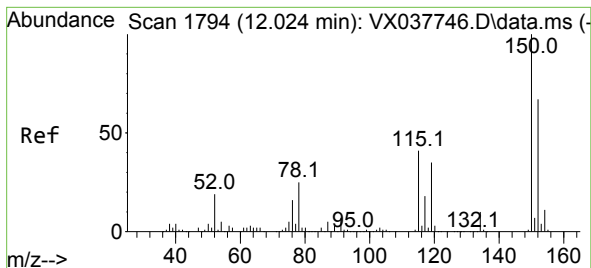
Tgt Ion: 95 Resp: 175019
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 78.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

Tgt Ion: 117 Resp: 365791
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037969.D

Acq: 29 Sep 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

MW-105I

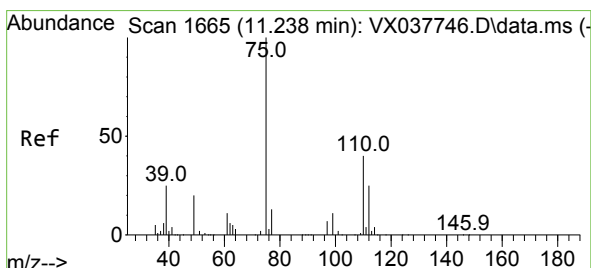
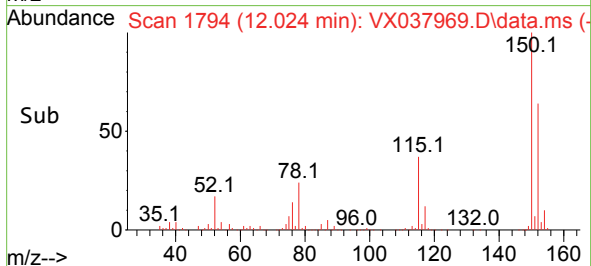
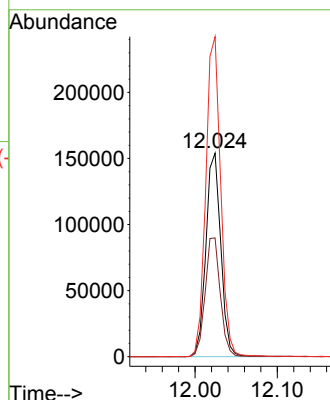
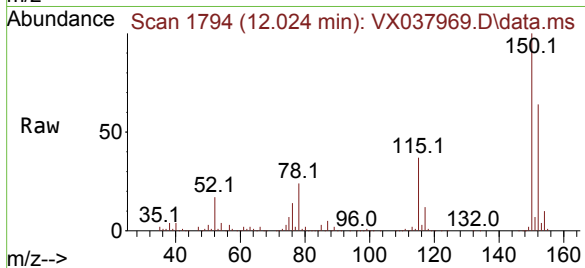
Tgt Ion:152 Resp: 194054

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.358 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037969.D

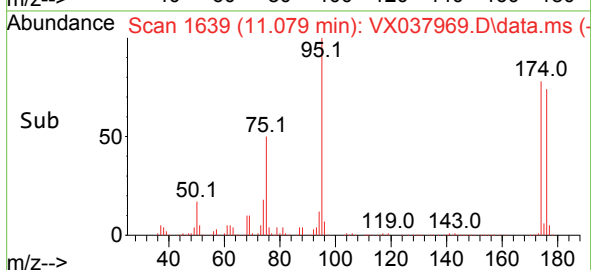
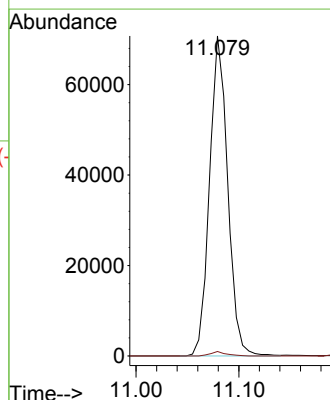
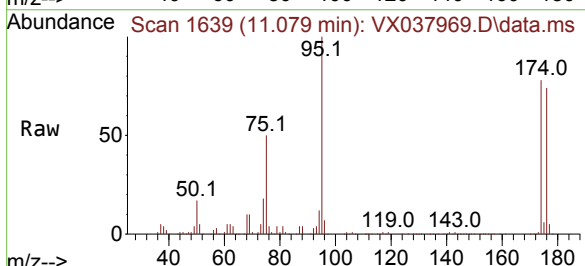
Acq: 29 Sep 2023 12:41

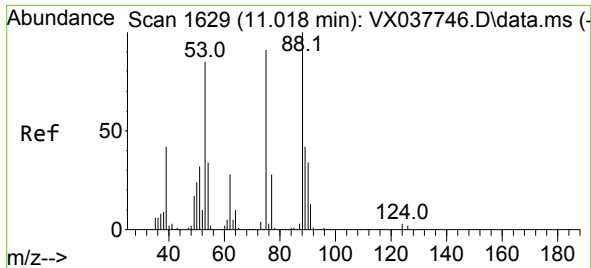
Tgt Ion: 75 Resp: 86883

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

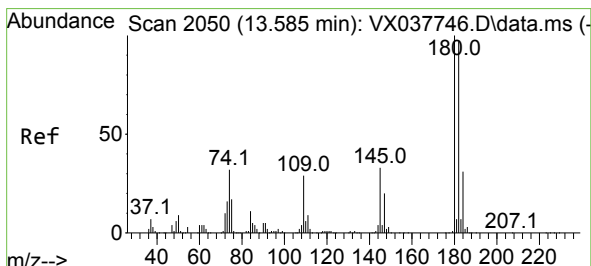
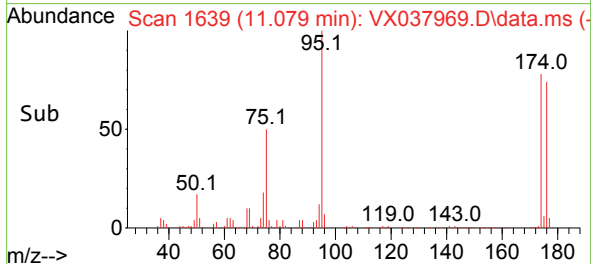
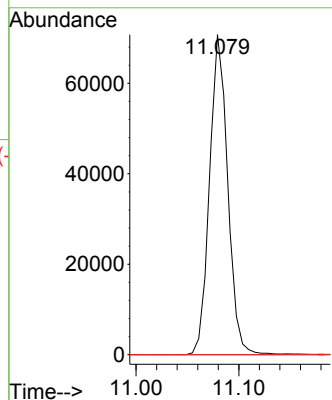
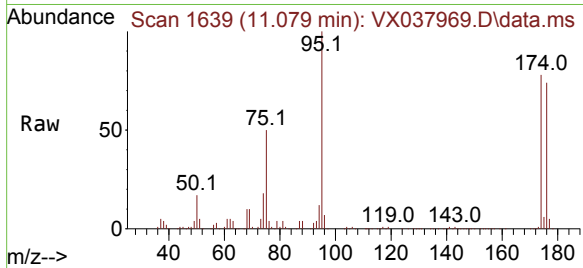




#81
trans-1,4-Dichloro-2-butene
Concen: 62.010 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
MW-105I

Tgt Ion: 75 Resp: 86883
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.326 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037969.D
Acq: 29 Sep 2023 12:41

Tgt Ion:180 Resp: 1289
Ion Ratio Lower Upper
180 100
182 81.8 48.3 144.8
145 25.1 18.0 54.0

